Amendments to the Specification:

Please amend the title to read: METHOD AND SYSTEM FOR SELECTIVLY DIVERTING CURRENT DURING CHARGING OF MULTIPLE BATTERIES

Please amend the paragraph on page 12, lines 7-13 as follows:

For example, referring to FIG. 2, if the parameter being monitored is the voltage of the first battery 116, when this voltage reaches the [[a]] predetermined threshold or setting of the first battery 116, a portion of the charging current can be diverted to begin charging the second battery 118. This predetermined threshold may be the maximum charging capacity or voltage of the battery or a voltage value below the maximum charging capacity and can be obtained through the EPROM input.

2